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(54) Title: TREATMENT OF NEURODEGENERATIVE DISEASES BY THE USE OF LAPTM4B

(57) Abstract: The invention relates to the use of a LAPTM4B-interacting molecule for the preparation of a pharmaceutical composition for the treatment of a neurogenerative disease. Hereby the LAPTM4B-interacting molecule is preferably an inhibitor of LAPTM4B and particularly it has the capacity to modulate the activity of gamma- secretase and/or beta-secretase. Furthermore the invention concerns a process for identifying a gamma-secretase and/or a beta-secretase modulator, comprising the following steps: a. identifying of a LAPTM4B-interacting molecule by determining whether a given test compound is a LAPTM4B-interacting molecule, b. determining whether the LAPTM4B-interacting molecule of step a) is capable of modulating gamma-secretase and/or beta-secretase activity.